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SLA 61-18535

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CIA/FDD/U-7631

WEur - Germany
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PRC 341-TGS-343

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v. 18, p. 439-443, 1961. Figs., refs. omitted.
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ATS-337193

PTD-10051

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JPRS 1274-Z

WEIR - East Germany

Hartmann, Helmut.

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Trans. of German patent 1,121,615, H 30661 IVb/12a,
cl. 12a 27, Internat. cl. C 07 c, appl. 18 July 57,
by Henkel und Cie., G. m. b. H.

DESCRIPTORS: *Aliphatic compounds, *Hydroxides,
Synthesis (Chemistry), *Carboxylic acids, Esters,
Catalysts, Sulfuric acid, Chlorine compounds, *Fatty
acids, Lipoic acid.

A process for the production of aliphatic hydroxy
compounds by the addition of carboxylic acids to
olefinic unsaturated aliphatic compounds and saponi-
fication of the formed ester compound, is described.
The ester compounds to be saponified are prepared by
(Chemistry--Organic, TT, v. 9, no. 12) (over)

63-18657

I. Hartmann, H.

H. Patent (Germany) 1 121 615

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pp 123-126.

S.L.A. Tr 456/1956

Star - Germany
Scientific - Minerals/Metals 36,595

A New Reagent for the Gravimetric and Volumetric
Analytical Determination of Nitrite Ion, by Prof Dr
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GERMAN, Inorganic Chemical Institute of TU Braunschweig

AEC Tr 1606

122.237

Scientific - Chemistry

Sep 53 CTS

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The Effect of Methyl Groups Upon the Ionization
Potential of Aromatic and Unsaturated Compounds, by
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pp 16-29.

SLA 59-10666

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THE DISPROPORTIONATION EQUILIBRIUM OF
TITANIUM TRICHLORIDE. [1960] 25p. (3 figs.
omitted) 30 refs.

Order from SLA mi\$2.70, ph\$4.80 61-10385

Trans. of Zeitschrift für Physikalische Chemie
[Frankfurt] (West Germany) 1957, Neue Folge v. 11
[no. 3/4] p. 213-233.

The equilibrium of the disproportionation of titanium trichloride was measured between 540 and 700°C according to the method of "freezing" the equilibria by chilling. The partial pressure of TiCl_4 increases considerably with rising temperature. The disproportionation is therefore endothermic. In the temperature region investigated a mean reaction enthalpy of $\Delta H^\circ = 35.5 \pm 0.5$ kcal and a mean reaction entropy of $\Delta S^\circ = 36.2 \pm 0.6$ cal are obtained. Orientation measurements were made to gain knowledge of the velocity (Chemistry--Physical, TT, v. 5, no. 4) (over)

61-10385

1. Titanium chlorides--
Disproportionation
2. Chemical equilibrium--
Measurement

- I. Hartmann, H.
- II. Rinck, G.

Office of Technical Services

TT-65-13756

Field 7D

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DECOMPOSITION KINETICS OF PRIMARY CHLOROAL-
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Order from SLA: \$1.60 as TT-65-13756

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HUNGARIAN, per, Magyar Kémiai Folyóirat, Vol LXV,
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JFRB 1812-H

Sci - Chem, zirconium
Aug 59

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Order from TTIS \$15.00 TTIS-2443

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DESCRIPTORS: Test methods, Aging (Materials),
*Finishes, Powders, *Heaters.

(Materials--Finishes, TT, v. 9, no. 10)

63-12993

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Trans. from de Ingenieur (Netherlands) 1950, v. 62,
no. 21.

DESCRIPTORS: *Steel wire, Tensile properties,
*Reinforced concrete, Concrete, Processing, Wire.

(Engineering--Civil, TT, v. 7, no. 1)

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EE - Germany

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SLA 60-17766

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2. Metal coatings--Production
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- II. Patent (Austria) 171 420
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- IV. Associated Technical
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Orange, N. J.

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1979 - 2000

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ATS 401290

HTS-291-85

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MTS 391290

ATS-510-55

Sci - ^{Engl} ~~Engl~~

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OTS I, 11

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SAMPLES (Untersuchung von Gleitvorgängen in
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DESCRIPTORS: *Copper, Crystals, *Single crystals,
Deformation, Shear stresses, Plastic flow.

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II. Macherauch, E.

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The Effect of Methyl Groups Upon the Ionization
Potential of Aromatic and Unsaturated Compounds, by
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SIA 59-10666

Sci - Chem
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Doc - elec
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25 PP.

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JPRS 16739

SCI - NUCLEAR PHYSICS

JAN 63

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Stationary Blading of a Single Stage Experimental
Turbine in the Air Test Plant, by W. Hartmann,
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No 397, pp 1-20,

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Sci
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Vol 2, No 10

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Electrical Investigations of Oxide Semiconductors,
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Sci - Electricity; Physics
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Process of Separating Dust From Vapor by Suction of or
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Sci - Chemistry, Engineering
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LCM-CLA 59-12369

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THE THEORY OF MEASURE AND LEBESQUE
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on Pure and Applied Mathematics, v. 15. Sep 61, 176p.
Order from PP \$5.00

Trans. of unidentified Polish mono., n.p., n.d.

DESCRIPTORS: *Measure theory, *Integration,
Series, *Mathematics, *Textbooks.

(Mathematics, TT, v. 7, no. 2)

62-12019

I. Hartmen, S.
II. Mikusinski, J.
III. Title: International...
IV. Pergamon Press, Inc.,
New York

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FUELS: THE STATE OF THEIR DEVELOPMENT
WITH ESPECIAL REGARD TO THE USE OF FOSSIL
FUELS. [1962] 10p. (figs. refs. omitted).
Order from SLA \$1.10

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Trans. of Brownstoft-Chem[is] (Germany) 1936, v. 17,
p. 1-11.

DESCRIPTORS: *Fuels, *Gas generator engines,
Chaos, Vehicles, Production, *Gas-generating systems

(Machinery--Engines, TT, v. 9, no. 12)

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I. Hartner-Seberich, R.

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(NY-4470),

In Regard to the Mobilization and Organization of
the Peasants, by Hartojo, 5 pp.

INDONESIAN, per, Suara Tani, Vol X, No 11, 1959,
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JPRS 5299

FE - Indonesia
Pol
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(NY-5773)

Some Experiences Regarding Internal Party
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JPRS 2782

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SEA 73-67-10065

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Sci - Chem
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Device for Obtaining Chromatic Images of Objects
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*Dept of Navy APL/JHU J575

Sci - Phys
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Dr. G. S. Marton

Impressions of Dam. Construction in Algeria,
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GERMAN, par, Bauingenieur, Vol XXII, No 7,
pp 245-257, 1956,

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Sci - ~~ENI~~
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May 60 NE/A - Algeria
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land Waterways, by F. Hartung, 42 pp.
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DIA LN 166-67

F. Hartung

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Jul 67

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**GERMAN, Mitt. Forsch. Amt. Geb. Bauwesen, Vol 6,
No 5, Jun 1938, pp 123-137.**

U.S. Corps of Engr, Waterways Exper Sta Tr 39-16

**Soi - Engineering, hydraulics, naval
Econ - Transportation, river, water**

A 3969

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ACSI, H-7112
ID 2147179

EEur - Germany

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NIH 2-32-64 (Loan)

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Apr 64

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Forschungsbericht 64-41, 1964, 15 pp.

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FTD-IT-67-127

Sci-Propulsion & Fuels

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Apr 62

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Sci - Med

Mar 60

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Hartweg, Helmut.

THE EFFECT OF CYSTEINE ON THE COURSE OF
THE RADIATION REACTION IN THE BONE MARROW
FOLLOWING LOCAL RADIATION (Haematologische
Untersuchungen zur Schutzstoffwirkung. 2 Mitteilung:
Die Wirkung von Cystein auf den Ablauf der Strahlen-
reaktion am Knochenmark nach Lokalbestrahlung). Pt. 2
of Hematological Investigations on the Action of Protec-
tive Agents. [1962] 15p. (figs. omitted).
Order from SLA \$1.60

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Trans. of Strahlentherapie (West Germany) [1957]
v. 102 [no. 1] p. 65-72.

DESCRIPTORS: *Cysteine, *Radiation effects, Bone
marrow, *Inhibition, *Radioprotective drugs,
Hemopoiesis.

See also 62-16221

(Biological Sciences--Radiobiology, TT, v. 9, no. 2)

62-16222

I. Hartweg, H.
II. Title: Hematological...

0257120

Office of Technical Services

Hartweg, Helmut.

THE EFFECT OF CYSTEINE ON THE COURSE OF
THE RADIATION REACTION IN THE BONE MARROW
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gische Untersuchungen zur Schutzstoffwirkung.

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Tauchnitz Verl., Leipzig, 1911, pp 524-553, 569-591.

NIH Tr 825

Scientific - Chemistry

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Sci - Geophysics

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JPRS 16624

EEUR - GERMANY
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